



DOCKET NO.: IVAV-0088

3PW  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

**Donald Martin Monro**

**Application No.: 10/585,497**

**Filing Date: July 6, 2006**

**For: DATA COMPRESSION USING MATCHING PURSUITS**

**Confirmation No.: Not Yet Assigned**

**Group Art Unit: Not Yet Assigned**

**Examiner: Not Yet Assigned**

DATE OF DEPOSIT: September 22, 2006

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.



TYPED NAME: Michael D. Stein  
REGISTRATION NO.: 34,734

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
  - Certification in Accordance with § 1.97(e) is attached; or
  - The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).
- Copies of reference numbers 3 - 7 listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of reference numbers 1 - 2 on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).
- Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: September 22, 2006



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<b>Form PTO-1449 Modified</b>	Docket No. IVAV-0088	Application No. 10/585,497
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Donald Martin Monro	
U.S. Department of Commerce Patent and Trademark Office	Filing Date July 6, 2006	Group Not Yet Assigned
	Confirmation No. Not Yet Assigned	

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

## EXAMINER

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**DATE CONSIDERED**



<b>Form PTO-1449 Modified</b>		Docket No. IVAV-0088	Application No. 10/585,497
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Donald Martin Monro	
U.S. Department of Commerce Patent and Trademark Office		Filing Date July 6, 2006	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	3	Banham, M.R., "A Selective Update Approach to Matching Pursuits Video Coding," <i>IEEE Transaction on Circuits and Systems for Video Technology</i> , 1997, 7(1), 119-129	
	4	Mallat, S.G., "Matching Pursuits with Time-Frequency Dictionaries," <i>IEEE Transactions on Signal Processing</i> , December 1993, 41, 3397-3408	
	5	Neff et al., "Very low bit rate video coding based on Matching Pursuits," <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , October 1997, 7(5), 158-171	
	6	Rezaiifar et al., "Wavelet Based Speech Coding Using Orthogonal Matching Pursuit," <i>Proc. 29<sup>th</sup> Int. Conf. on Information Systems (CISS-95)</i> , March 1995, 88-92	
	7	Vetterli, M., "Matching Pursuit for Compression and Application to Motion Compensated Video Coding," <i>IEEE International Conference Proceedings ICIP-94</i> , November 1994, 1(13-16), 725-729	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	